

# SOLAR CHARGE CONTROLLER

SPECIALIZED FOR SOLAR PV POWER SYSTEM



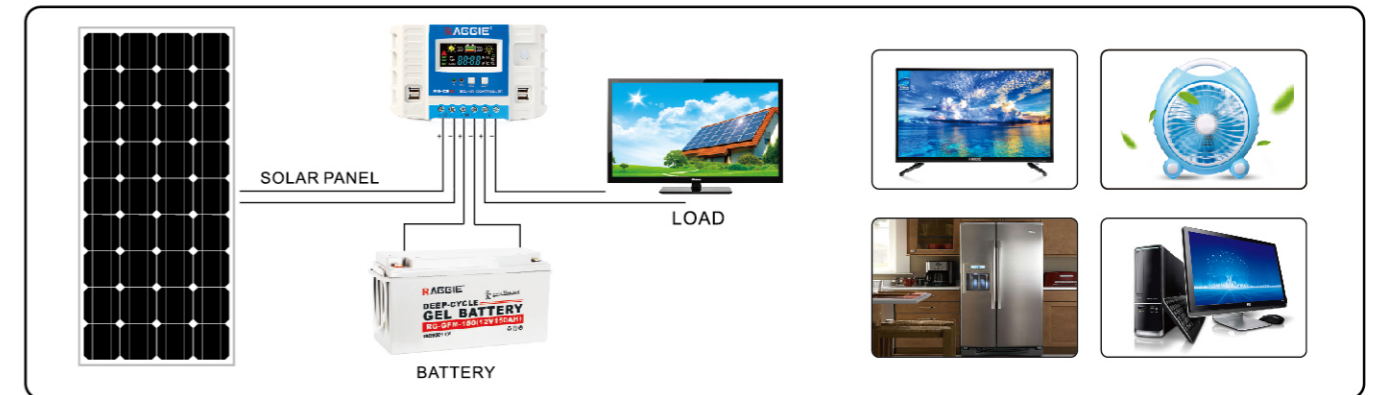
PWM

RG-CS SERIES



## FEATURES

- Show current: Connect the controller to 12V or 24V battery, the screen will show the current for 5 seconds, user knows the specification you purchase.
- Input current & voltage display.
- Output current display.
- 4 pcs of USB output
- Color lcd screen
- 12V/24V auto. voltage distinguish function
- Over-charge, over-discharge, short-circuit protections, to ensure system safe and prolong battery life.



Model	RG-CS10A	RG-CS20A	RG-CS30A	RG-CS40A	RG-CS50A	RG-CS60A
System Voltage	12V/24V					
Max. Input Voltage of solar panel	55V					
Self-consumption	≤10mA					
Max. charge current	10A/20A/30A/40A/50A/60A					
Max. discharge current	10A/20A/30A/40A/50A/60A					
LVD	11.0V ADJ 9V....12V ; *2/24V ; *4/48V					
LVR	12.6V ADJ 11V....13.5V ; *2/24V ; *4/48V					
Float Voltage	13.8V ADJ 13V....15V ; *2/24V ; *4/48V					
Boost charging	14.4V ; *2/24V ; *4/48V Battery Voltage less than 12V start boost charging 2 hours					
Battery Over Voltage Protection	16.5V ; *2/24V ; *4/48V					
Reverse Connection Protection	yes					
Load Over Current Protection	Yes, each two minutes restart once					
Charge Type	PWM					
Temperature Compensation	-24 mV / °C for 12V system ; *2/24V ; *4/48V					
Working Temperature	-20°C --- +55°C					
Terminal Scale	20~3 AWG 25mm <sup>2</sup>					
Strip length	16mm					
Waterproof grade	IP32					